

METHOD TO MAINTAIN DATA INTEGRITY DURING FLASH FILE TRANSFER
TO RAID CONTROLLER FLASH USING A TERMINAL EMULATION PROGRAM

ABSTRACT

A method and system which uses the method maintains data integrity during file transfers from a local drive medium to a RAID controller flash memory. A signature is added to the data file in the local drive by a utility program. The signature is multibyte and, preferably, is either four or eight bytes long. The RAID controller is loaded with software that traverses the data file until the signature is found. The RAID controller software discards the signature and any after patched data and stores the stripped off data into its flash memory. The utility program overcomes potential incompatibility between the file transfer protocol and a terminal emulation program.